

ABSTRACT

A method and apparatus for noise cancellation in a communication device is disclosed.

The method utilizes power supplied from a battery to a buzzer circuit and a plurality of analog impedance elements to generate an audible output which is applied to the circuit to cancel noise.

- 5 The noise results from a non-constant driving current. The acoustic output is opposite but equal in magnitude to the noise. In an alternative, an algorithm may be programmed into a power management application specific integrated circuit (ASIC) to cancel the noise.